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SONNENSCHN, NATH & ROSENTHAL

P.O. Box 061080

Wacker Drive Station - Sears Tower

Chicago, IL 60606-1080

312/876-8000

APPLICANT(S): Keeichi NITO, et al. ATTORNEY DOCKET NO.: 09792909-4679
SERIAL NO.: 09/711,651 GROUP ART UNIT: 2873
DATE FILED: November 13, 2000 EXAMINER: W. CHOI
INVENTION: "LIGHT MODULATION APPARATUS AND IMAGE PICKUP
APPARATUS AND DRIVE METHODS THEREOF"

RESPONSE "C" TO NON-FINAL OFFICE ACTION TRANSMITTAL LETTER

BOX Non-Fee Amendment
Commissioner of Patents
Washington, D.C. 20231

SIR:

Transmitted herewith is a 8 page amendment in the above-identified application.

☐ Additional claim fee is required.

The fee has been calculated as shown below.

CLAIMS AS AMENDED						
	(2) CLAIMS REMAINING AFTER AMENDMENT		(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE
TOTAL CLAIMS	44	MINUS	162	0	() X 9.00 () X 18.00	\$0
INDEP. CLAIMS	4	MINUS	14	0	() X 42.00 () X 84.00	\$0
Application amended to contain any multiple dependent claims not previously paid for.				() YES (x) NO	() \$140.00 () \$280.00 ONE TIME	\$0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0	

* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20 write "20" in this space.

- ☒ This is a general authorization under 37 CFR 1.136(a)(3) to treat any concurrent or future reply, requiring a petition for an extension of time for its timely submission, as incorporating a petition for extension of time for the appropriate length of time.
- ☐ Applicant petitions the Commissioner of Patents and Trademarks under 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application to the Office Action dated _____ for () month(s) so that the period for response is extended to _____. A check in the amount of \$0.00 is enclosed to cover the fee.
- ☐ A check in the amount of \$____ is attached to cover the additional claim fee.
- ☐ A check for \$____ accompanying attached Terminal Disclaimer under 37 C.F.R. §1.120(d).
- ☐ A check for \$____ for Amendment Under 37 C.F.R. 1.312(b) is attached.
- ☒ The Commissioner is hereby authorized to charge the extension fee and any additional fees which may be required, or to credit any overpayment to account No. 19-3140. A duplicate of this sheet is enclosed.

When phoning re this application, please call 312/876-8000 - Ext. 12578.

SONNENSCHN NATH & ROSENTHAL

BY David R. Metzger (Reg. No. 32,919)

David R. Metzger

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope having sufficient postage and addressed to BOX Non-Fee Amendment, Commissioner of Patents, Washington, D.C. 20231 on October 18, 2002.

David R. Metzger
SIGNATURE
October 18, 2002



#9/B
1030
R. [signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Commissioner for Patents
Washington, DC 20231

RECEIVED
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TECHNOLOGY CENTER 2800

SIR:

This amendment is filed in response to the Office Action of July 18, 2002. Please reconsider the application in view of the amendments and remarks presented below.

AMENDMENTS

Please amend the following claims:

/ / / / / / / / / / /

Cancel claims 9, 11, 12, 16, 17, 18, 114, 116, 117, 121, 122 and 123 without prejudice, without admitting anticipation and/or obviousness, and without admitting a non-enabling disclosure therefor.

6. (Once amended.) A light modulation apparatus comprising:

- 11/01/2002 RGRADEN 00000002 193140 09711651 a liquid crystal device;
- 01 FC:1201 168.00 CH a drive pulse generation unit for driving said liquid crystal device;
- a pulse width control unit for modulating a pulse width of each drive pulse to
- BI be applied to said liquid crystal device, thereby controlling a transmittance of light made incident on said liquid crystal device;
- a drive circuit unit; and
- a control circuit unit,

wherein the modulation of the pulse width of each drive pulse is performed in a manner whereby the waveform of each drive pulse is present in a period of a basic frequency,